

APPENDIX F

Special Status Species Eliminated From Further Consideration

Special Status Species eliminated from further consideration: Segment A , El Paso County, Texas.			
Species	Status	Habitat Requirements	Likelihood of Occurrence in the Project Area
PLANTS			
Sneed pincushion cactus <i>Coryphantha sneedi</i>	E	Limestone outcrops and rocky slopes of mountains within the Chihuahuan Desert.	None – Habitat for this species (e.g., limestone outcrops) is not present in the project area.
BIRDS			
Bald eagle <i>Haliaeetus leucocephalus</i>	T	Large trees or cliffs near rivers, reservoirs, and streams with an abundant prey base (e.g., fish and waterfowl).	None – The project area does not have habitat to support either breeding or wintering birds.
Interior least tern <i>Sterna antillarum anthalassos</i>	E	Nests on sand bars, alkali flats, and islands.	None – No suitable nesting habitat in the project area.
Mexican spotted owl <i>Strix occidentalis lucida</i>	T	Canyons and dense multi-layer forests mixed conifer or ponderosa pine-gambel oak above 4,100 feet.	None - The forested, mountain areas this species requires are not present in or near the Segment A project area.
Piping plover <i>Charadrius melodus</i>	E	Gravelly shorelines of lakes, river sandbars, and alkali wetlands.	None – Project area in Segment A does not contain suitable habitat.
Southwestern willow flycatcher <i>Empidonax traillii extimus</i>	E	Dense cottonwood-willow & tamarisk riparian communities. Along rivers and streams.	None – Project area in Segment A is lacking the well developed, dense riparian forest required by this species.

Yellow-billed cuckoo <i>Coccyzus americanus</i>	C	Riparian forests and woodlands.	None – Vegetation communities in the project area in Segment A are not similar to those known to support this species.
Whooping crane <i>Grus americana</i>	E	Marshes and prairie potholes supporting prey species: insects, frogs, rodents, and small birds.	None – Project area in Segment A does not contain suitable habitat.
MAMMALS			
Black-tailed prairie dog <i>Cynomys ludovicianus</i>	C	Open grasslands; short grass plains including Semidesert Grassland within the Chihuahuan desert.	None – Project area in Segment A does not contain suitable habitat.
USFWS categories: Threatened (T), Endangered (E), Proposed (PT, PE), Candidate (C) Primary sources:			

Special Status Species eliminated from further consideration: Segment B , El Paso County, Texas; and Dona Ana, New Mexico.			
Species	Status	Habitat Requirements	Likelihood of Occurrence in the Project Area
PLANTS			
Sneed pincushion cactus <i>Coryphantha sneedi</i>	E	This species is known from the Franklin Mountains on limestone soils Limestone outcrops and rocky slopes of mountains within the Chihuahuan Desert.	None– Habitat for this species (e.g., limestone outcrops) is not present in the project area.
FISH			
Rio Grande silvery minnow <i>Hybognathus amarus</i>	E	Currently limited to the Rio Grande River between Cochiti Dam and Elephant Butte Reservoir.	None- This species' aquatic habitat is not present in the project area within Segment B.
BIRDS			

Bald eagle <i>Haliaeetus leucocephalus</i>	T	Large trees or cliffs near rivers, reservoirs, and streams with an abundant prey base (e.g., fish and waterfowl).	None – The project area does not have habitat to support either breeding or wintering birds. Perennial waters with associated prey base are not present.
Least tern <i>Sterna antillarum</i>	E	Nests on sand bars, alkali flats, and islands.	None – Suitable habitat is not present.
Mexican spotted owl <i>Strix occidentalis lucida</i>	T WCSA	Canyons and dense multi-layer forests mixed conifer or ponderosa pine-gambel oak above 4,100 feet.	None - The forested mountain areas this species requires are not present in or near the project area.
Northern aplomado falcon <i>Falco femoralis septentrionalis</i>	E		None – Potential habitat of open grassland with scattered yucca, trees or shrubs is present, however, the northern aplomado falcon has not been recorded in Arizona since before to 1940.
Southwestern willow flycatcher <i>Empidonax traillii eximius</i>	E	Dense cottonwood-willow & tamarisk riparian communities. Along rivers and streams.	None – The project area is lacking the well developed, dense riparian forest required by this species.
Yellow-billed cuckoo <i>Coccyzus americanus</i>	C	Riparian forests and woodlands.	None – Vegetation communities in the project area are not similar to those known to support this species.
MAMMALS			
Black-tailed prairie dog <i>Cynomys ludovicianus</i>	C	Open grasslands; short grass plains including Semidesert Grassland within the Chihuahuan desert.	None - This species has been extirpated from New Mexico and southeast Arizona. Also, the project area is not suitable for re-introductions of this species given the absence of prairie dog colonies, on which black-footed ferrets depend.
USFWS categories: Threatened (T), Endangered (E), Proposed (PT, PE), Candidate (C) NMDGF category: New Mexico Threatened (NM-T) Primary sources: USFWS database (http://ifw2es.fws.gov/EndangeredSpecies/lists/)			

Special Status Species eliminated from further consideration: Segment C , Cochise and Pima Counties, Arizona			
Species	Status	Habitat Requirements	Likelihood of Occurrence in the Project Area
PLANTS			
Acuña cactus <i>Echinomastus erectocentrus acunensis</i>	C	The Acuña cactus is found on well-drained knolls and gravel ridges at 1,300 to - 2,000 feet elevation in the Sonoran desertscrub.	None- The project area is distant from the species known distribution in western Pima County.
Canelo Hills ladies'-tresses <i>Spiranthes delitescens</i>	E	Known from finely grained, saturated soils of cienagas.	None - This species has a very limited distribution well south of the project area.
Cochise pincushion cactus <i>Coryphantha robbinsorum</i>	T	Known from semidesert grassland on gray limestone hills.	None – Gray limestone hills are not present in project area.
Huachuca water umbel <i>Lilaeopsis schaffneriana ssp. recurva</i>	E	Cienegas, perennial low gradient streams, wetlands.	None - No perennial water sources, stock tanks, or impounded cienegas present within the project area.
Kearney's blue-star <i>Amsonia kearneyana</i>	E	The distribution and habitat of this species is the west-facing drainages of the Baboquivari Mountains in riparian forests	None – The project area is well removed from riparian forests in the Baboquivari Mountains.

Lemmon fleabane <i>Erigeron lemmonii</i>	C	Vertical limestone cliffs above 6,300 feet in pine-oak woodland.	None – Project area in Segment B does not contain suitable habitat.
Nichol's Turk's head cactus <i>Echinocactus horizonthalonius nicholii</i>	E	Found 3,000 and 3,500 feet elevation at the base of limestone mountains.	None – No suitable habitat in the project area (e.g., limestone soils).
INVERTEBRATES			
Huachuca springsnail <i>Pyrgulopsis thompsoni</i>	C	Known from aquatic habitats, such as small springs, from 4,500 to 7,200 feet in Cochise County	None - No suitable habitat. The required aquatic habitat is not currently present in the project area.
San Xavier talussnail <i>Sonorella eremita</i>	CA	Species known geographic range and habitat is one hillside in south Tucson.	None – The project area is well removed from the species hillside habitat in south Tucson.
FISH			
Beautiful shiner <i>Cyprinella formosa</i>	T	Streams and ponds; only a few isolated populations remain.	None - This species' aquatic habitat is not present in the project area within Segment C.
Desert pupfish <i>Cyprinodon macularius</i>	E	Springs, streams, and marshes.	None - This species' aquatic habitat is not present in the project area within Segment C.
Gila chub <i>Gila intermedia</i>	PE	Cienegas and deep pools in smaller headwater streams.	None - This species' aquatic habitat is not present in the project area within Segment C.
Gila topminnow <i>Poeciliopsis occidentalis</i>	E	Springs, streams, and cienegas.	None - This species' aquatic habitat is not present in the project area within Segment C.
Loach minnow <i>Tiaroga cobitis</i>	T WSCA	Small to large perennial streams with swift shallow water over cobble and gravel.	None - This species' aquatic habitat is not present in the project area within Segment C.

Spikedace <i>Meda fulgida</i>	T	Moderate to large perennial streams with gravel cobble substrates and moderate to swift velocities.	None - This species' aquatic habitat is not present in the project area within Segment C.
Yaqui catfish <i>Ictalurus pricei</i>	T	Streams with slow current over sand and rock bottoms; above 4000 feet.	None - This species' aquatic habitat is not present in the project area within Segment C.
Yaqui chub <i>Gila purpurea</i>	E	Perennial streams, pools, or ponds near undercut banks; above 4000 feet.	None - This species' aquatic habitat is not present in the project area within Segment C.
Yaqui topminnow <i>Poeciliopsis occidentalis sonoriensis</i>	E WSCA		None - Project area is distant from species' know distribution. Currently limited to the San Bernardino National Wildlife Refuge.
AMPHIBIANS			
Chiricahua leopard frog <i>Rana chiricahuensis</i>	T	Streams, rivers, backwaters, and ponds.	None - This species' aquatic habitat is not present in the project area within Segment C.
Sonoran tiger salamander <i>Ambystoma tigrinum stebbinsi</i>	E	Known from stock tanks and impounded cienegas in Huachuca Mountains.	None - This species' aquatic habitat is not present in the project area within Segment C.
REPTILES			
New Mexico ridge nosed rattlesnake <i>Crotalus willardi obscurus</i>	T	Known from pine-oak vegetative communities in mountains above 5000 feet.	None - The project area is situated well below 5000 feet.
BIRDS			
Bald eagle <i>Haliaeetus leucocephalus</i>	T WSCA	Large trees or cliffs near rivers, reservoirs, and streams with an abundant prey base (e.g., fish and waterfowl).	None - The project area does not have habitat to support either breeding or wintering birds. Perennial waters with associated prey base are not present.

California Brown pelican <i>Pelecanus occidentalis californicus</i>	E	Coastal and islands; in Arizona occurs around lakes and rivers	None - Suitable coastal habitat is not present. Only possibility of occurring in project area would be when blown far inland from a storm.
Masked bobwhite <i>Colinus virginianus ridgewayi</i>	E	Desert grasslands, the Arizona population is currently limited to the Buenos Aires National Wildlife Refuge.	None - The current known range, the Buenos Aires National Wildlife Refuge, is well south of the project area.
Mexican spotted owl <i>Strix occidentalis lucida</i>	T WCSA	Canyons and dense multi-layer forests mixed conifer or ponderosa pine/gambel oak above 4,100 ft.	None - The forested mountain areas this species requires are not present in or near the project area.
Northern aplomado falcon <i>Falco femoralis septentrionalis</i>	E WCSA	Open grassland with scattered yucca, trees or shrubs.	None – Potential habitat of open grassland with scattered yucca, trees or shrubs is present, however, the northern aplomado falcon has not been recorded in Arizona since before to 1940.
Southwestern willow flycatcher <i>Empidonax traillii extimus</i>	E WCSA	Dense cottonwood-willow & tamarisk riparian communities. Along rivers and streams.	None – Project area is lacking the dense riparian forest habitat required by this species.
Western yellow-billed cuckoo <i>Coccyzus americanus occidentalis</i>	C	Riparian forests and woodlands.	None – Vegetation communities in the project area are not similar to those known to support this species.
MAMMALS			
Black-tailed prairie dog <i>Cynomys ludovicianus</i>	C WCSA	Grasslands.	None – The black-tailed prairie dog was extirpated from the grasslands of southeastern Arizona by around 1938. A reintroduction effort in 1972 failed.
Mexican gray wolf <i>Canis lupus baileyi</i>	E	Chaparral, woodland, and forested areas.	None – The non-forest vegetation communities in the project area are not similar to those where this species typically occurs.
Ocelot <i>Leopardus pardalis</i>	E	Known from heavily vegetated areas of humid tropical and sub-tropical areas.	None – Project area is relatively arid and sparsely vegetated.

Sonoran pronghorn <i>Antilocapra americana sonoriensis</i>	E	Intermountain basins in southwestern Arizona.	None – Project area is outside of geographical range. Sonoran pronghorn do not occur west of SR 85; they are restricted to southwest portion of the state.
<p>USFWS categories:</p> <p>Endangered (E) – Taxa in danger of extinction throughout all or a significant portion of its range.</p> <p>Threatened (T)/Proposed Threatened (PT) – Taxa likely to become endangered within the foreseeable future throughout all or a significant portion of its range.</p> <p>Candidate (C) – Species for which the USFWS has sufficient information on biological vulnerability and threats to support proposals to list as Endangered or Threatened. Candidate species, however, are not protected legally because proposed rules have not been issued.</p> <p>State category:</p> <p>Wildlife Species of Concern (WSC) in Arizona– Species whose occurrence in Arizona is or may be in jeopardy, or with known or perceived threats or population declines, as described by AGFD’s listing of Wildlife of Special Concern in Arizona. Species included in WSC-Arizona are currently the same as those in Threatened Native Wildlife in Arizona (AGFD 1988).</p> <p>Primary sources: USFWS database (http://ifw2es.fws.gov/EndangeredSpecies/lists/).</p>			